

Figure 1

## Test 1

Determination of the affinity (curve G4/Com) and selectivity (curve C+/C-) of the compounds of the invention by measuring the inhibition of pairing of oligonucleotides with their complementary strands in a bioluminescence test, based on the conditions described above:

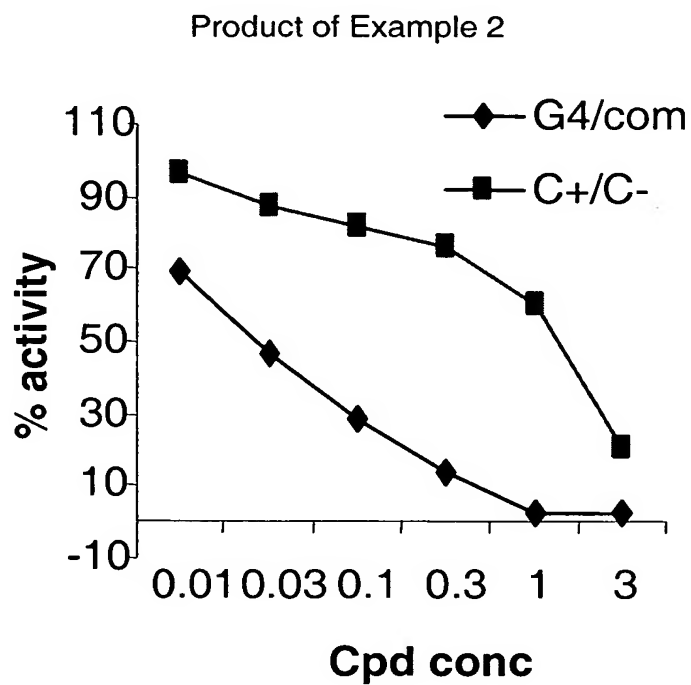


Figure 2

# Test 2

Determination of the dissociation constant of the complex between the products of the invention and, on the one hand, an oligonucleotide G4 (affinity) and, on the other hand, a DNA double strand (selectivity) under the conditions described above:

Titration by fluorescence of the product of the example 1 (0.1  $\mu$ M) with 22AG (0-300 nM)

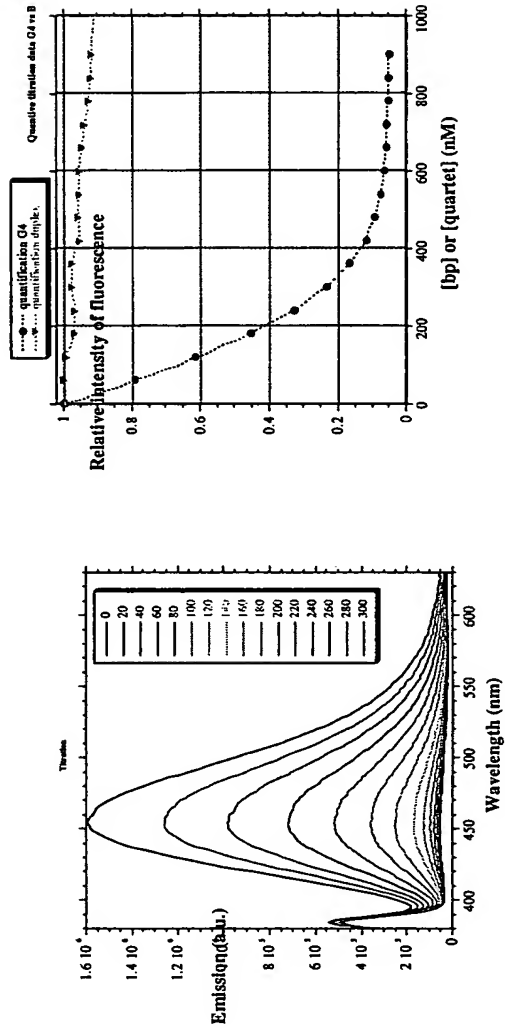


Figure 3

Test of selectivity 3

Estimation of the distribution at equilibrium of a product of the invention between various oligonucleotides or DNA structures, by a method of equilibrium dialysis based on the conditions described above:

Equilibrium distribution of the product of Example 1

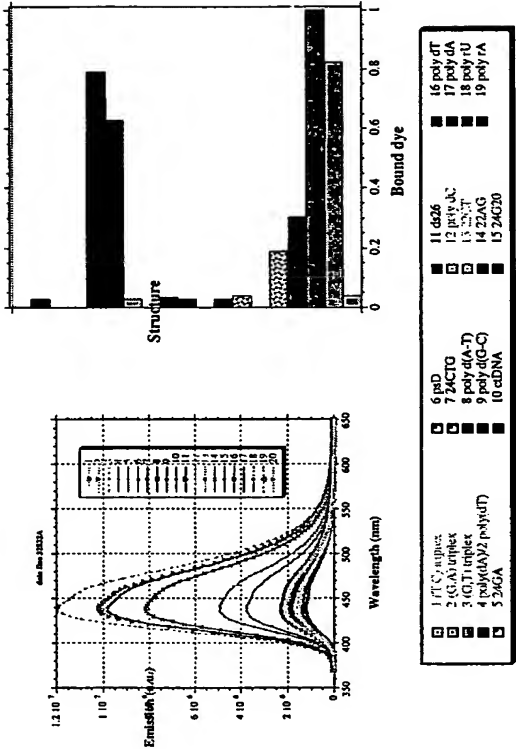


Figure 3' (continuation of Figure 3)

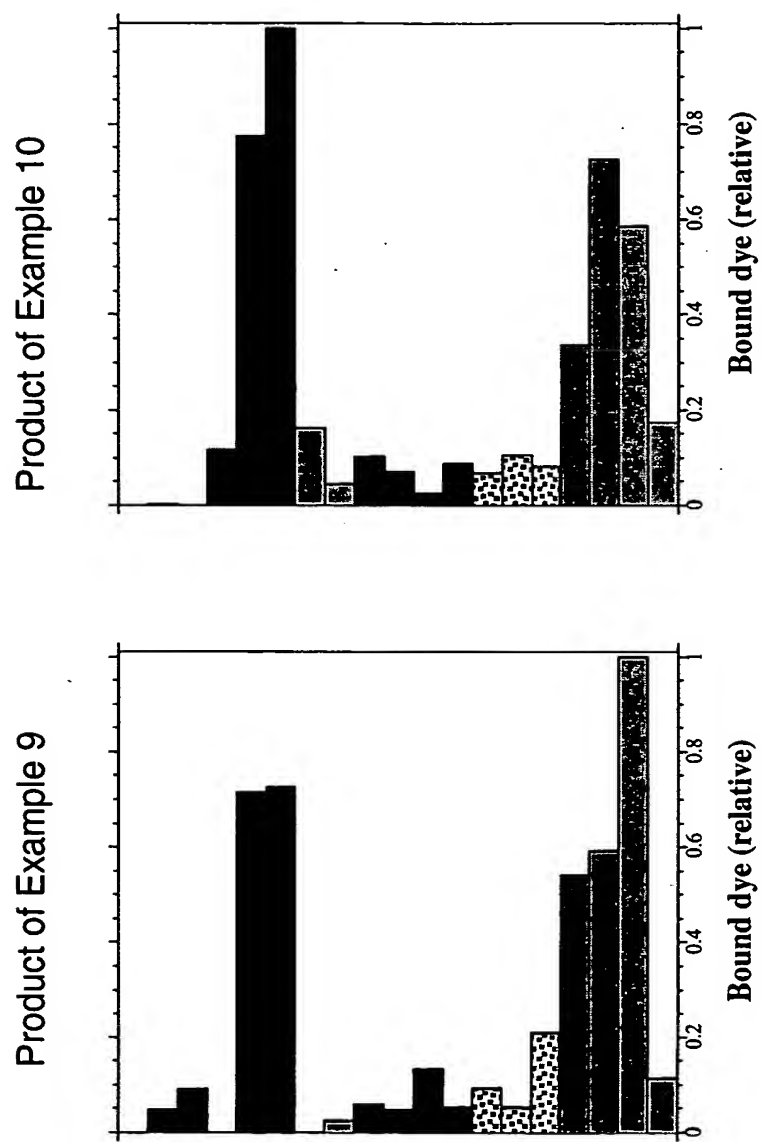
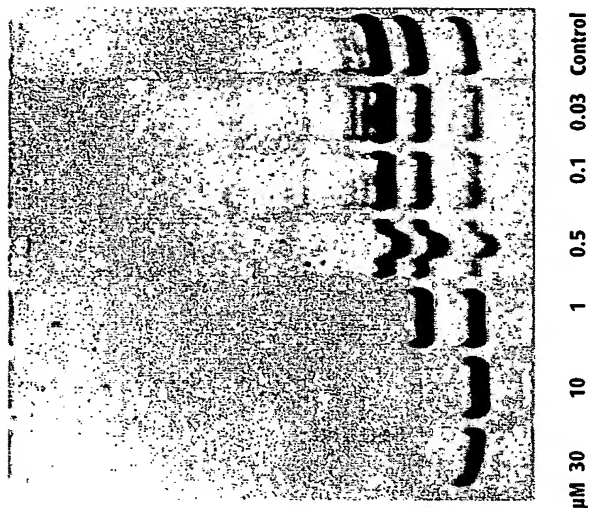


Figure 4

Determination of the antitelomerase activity of the products of the invention, specifically dependent on the stabilization of the G-quadruplex structure, under the conditions described above:

Product of Example 9



Product of Example 2

